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PCT #18
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Jens Berthelsen et al.

Serial No.: 10/019,980

Group Art Unit: Not yet assigned

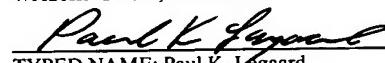
Filing Date: April 11, 2002

Examiner: Not yet assigned

For: TANKYRASE HOMOLOG PROTEIN (THP), NUCLEIC ACIDS, AND
METHODS RELATED TO THE SAME

DATE OF DEPOSIT: 16 APRIL 2002

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TYPED NAME: Paul K. Legaard
REGISTRATION NO.: 38,534

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

- In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with the first or second After Final Submission, therefore:
 - Certification in Accordance with §1.97(e) is attached; or
 - The fee of \$180.00 as set forth in §1.17(p) is attached.
- In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or before an action that otherwise closes prosecution in the application, therefore:
 - Certification in Accordance with §1.97(e) is attached; or
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- In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); and the submission fee of \$180.00 as set forth in §1.17(p).
- Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:
 - In view of the voluminous nature of references **BE-BQ**, and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

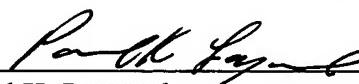
- In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. §120 have been made in the instant application:
- Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. , filed .
- If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.
This form is submitted in duplicate.

Enclosed is a copy of the Search Report dated December 11, 2000, issued in corresponding International application No. PCT/EP00/06609, which indicates the references considered to be relevant.

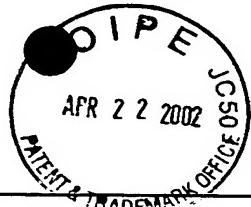
There are no listed references which are not in the English language.

Date: 16 APRIL 2002



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Sheet 1 of 5

Form PTO-1449 Modified		Docket No. PHRM-0373	Serial No. 10/019,980
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Jens Berthelsen et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date April 11, 2002	Group Unknown
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
AA	Altschul et al., "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> , 1990 , 215, 403-410		
AB	Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <i>Nucl. Acids Res.</i> , 1997 , 25(17), 3389-3402		
AC	Anderson, "Human Gene Therapy," <i>Science</i> , 1992 , 256, 808-813		
AD	Bauer et al., "A genetic enrichment for mutations constructed by oligodeoxynucleotide-directed mutagenesis," <i>Gene</i> , 1985 , 37, 73-81		
AE	Benoist et al., " <i>In vivo</i> sequence requirements of the SV40 early promoter region," <i>Nature</i> , 1981 , 290, 304-310		
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AK	Craik, "Use of Oligonucleotides for Site-Specific Mutagenesis," <i>BioTechniques</i> , 1985 , 12-19		
AL	Fields et al., "A novel genetic system to detect protein-protein interactions," <i>Nature</i> , 1989 , 340, 245-246		
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AM	Goldstein, "Replicative Senescence: The Human Fibroblast Comes of Age," <i>Science</i> , 1990, 249, 1129-1133		
AN	Greider et al., "Identification of a Specific Telomere Terminal Transferase Activity in Tetrahymena Extracts," <i>Cell</i> , 1985, 43, 405-413		
AO	Harley et al., "Telomeres and telomerase in aging and cancer," <i>Curr. Opin. Genet. Dev.</i> , 1995, 5, 249-255		
AP	Henikoff et al., "Amino acid substitution matrices from protein blocks," <i>Proc. Natl. Acad. Sci. USA</i> , 1992, 89, 10915-10919		
AQ	Huse et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> , 1989, 246, 1275-1281		
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Sheet 3 of 5

Form PTO-1449 Modified

List of Patent and Publications
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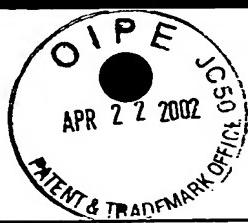
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AW	Okayama et al., "A cDNA Cloning Vector that Permits Expression of cDNA Inserts in Mammalian Cells," <i>Mol. Cell. Biol.</i> , 1983, 3(2), 280-289
AX	Shay et al., "A Survey of Telomerase Activity in Human Cancer," <i>Eur. J. Cancer</i> , 1997, 33(5), 787-791
AY	Simonin et al., "Identification of Potential Active-site Residues in the Human Poly(ADP-ribose) Polymerase," <i>J. Biol. Chem.</i> , 1993, 268(12), 8529-8535
AZ	Smith et al., "Comparison of Biosequences," <i>Adv. Appl. Math.</i> , 1981, 2, 482-489
BA	Smith et al., "Tankyrase, a Poly(ADP-Ribose) Polymerase at Human Telomeres," <i>Science</i> , 1998, 282, 1484-1487
BB	Summers et al., "A Manual of Methods for Baculovirus Vectors and Insect Cell Culture Procedures," Texas Agricultural Experiment Station Bulletin No. 1555, 1987, 1-56
BC	van Steensel et al., "Control of telomere length by the human telomeric protein TRF1," <i>Nature</i> , 1997, 385, 740-743
BD	Walder et al., "Oligodeoxynucleotide-directed mutagenesis using the yeast transformation system," <i>Gene</i> , 1986, 42, 133-139

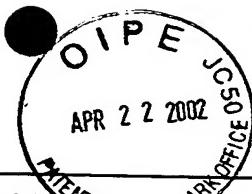
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
*	BE	Ausubel, F.M. et al., <i>Short Protocols in Molecular Biology</i> , Fourth Edition, Greene and Wiley-Interscience, NY, 1992		
*	BF	Berger et al., "Guide to Molecular Cloning Techniques," in <i>Methods in Enzymology</i> , Academic Press, Inc., San Diego, CA, 1987, Need page numbers		
*	BG	<i>Current Protocols in Molecular Biology</i> , John Wiley & Sons, NY, 1999		
*	BH	Eisenthal, R. et al. (eds.), <i>Enzyme Assays: A Practical Approach</i> , Oxford University Press, 1992		
*	BI	Harlow, E. et al., <i>Antibodies: A Laboratory Manual</i> , Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, 1988		
*	BJ	Hendix, R.W. (ed.), <i>Lambda II</i> , Cold Spring Harbor Press, Cold Spring Harbor, NY, 1980		
*	BK	Hershey, A. D. (ed.), <i>The Bacteriophage Lambda</i> , Cold Spring Harbor Press, Cold Spring Harbor, NY, 1973		
*	BL	Kruse et al. (eds.), <i>Tissue Culture</i> , Academic Press, 1973		
*	BM	O'Reilley et al. (eds.), <i>Expression Vectors: A Laboratory Manual</i> , W.H. Freeman and Company, New York, 1992		
*	BN	Osol, A, <i>Remington's Pharmaceutical Sciences</i> , 16th Edition, 1980		
*	BO	Sambrook et al., <i>Molecular Cloning: A Laboratory Manual</i> , Second Edition, Cold Spring Harbor Press, Cold Spring Harbor, NY, 1989		
*	BP	Smith et al., <i>Genetic Engineering: Principles and Methods</i> , Plenum Press, 1981		
*	BQ	Stites et al. (eds.), <i>Basic and Clinical Immunology</i> , 4th Edition, Lange Medical Publications, Los Altos, CA, 1982		
EXAMINER			DATE CONSIDERED	

*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



Sheet 5 of 5

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	BT	4,683,195	07/28/87	Mullis et al.	435	6
	BU	4,683,202	07/28/87	Mullis	435	91
	BV	4,737,462	04/12/88	Mark et al.	435	253
	BW	4,879,236	11/07/89	Smith et al.	435	235
	BX	5,874,444	02/23/99	West	514	310

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	CA /	WO 99/15647	04/01/99	PCT	
	CB /	WO 00/61813	10/19/00	PCT	

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